

High School to College and Career Pathway: post-secondary

Area of Study: Skilled & Technical Sciences

Pathway: Drafting/CAD

Region: Uintah Basin	District:	School:	College/Institution: Uintah Basin Applied Technology College Articulation Agreement in place? Yes X No Name of Degree or Certificate: Computer Aided Drafting AAT
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Note: This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. **Note:** *= concurrent ^= distant

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High School				College		
Course CIP #	CTE Pathway Courses (3.00 credits for completion)	H.S. Credit	College Hours	Course #	College Major Course Requirements	College Hours
					REQUIRED CORE COURSES (690 HOURS REQUIRED)	
52.0417	Computer Technology	.5	90 hrs	BTEC 1110	Computer Literacy	90 hr
Course #	Foundation Courses: (2 credits required)	Credit				
15.1301	@Design & Drafting Technology	.50	60 hrs			
15.1302	@CAD Drafting	.50	60 hrs	DRFT 1010	@Technical Drafting	120 hrs
	@Both courses must be taken for Technical Drafting credit.					
				DRFT 1020	Basic CAD	120 hrs
15.1303	Architectural Drafting	1.00	120 hrs	DRFT 1030	Architectural Drafting	120 hrs
				DRFT 1040	Pictorial Drafting	90 hrs
				DRFT 1070	Applied Technical Math	90 hrs
				WKSK 1400	Work Place Relations	60 hrs
					ELECTIVE COURSES (810 HOURS REQUIRED)	
15.1306	Mechanical Drafting	1.00	120 hrs	DRFT 2110	Mechanical Drafting	60 hrs
				DRFT 2120	Machine Design	60 hrs
	Elective Courses: (1 credit requires)					
46.0201	Carpentry	1.00				
48.0503	Machine Tool	1.00				
48.0701	Woodworking	.50				
32.0199	Student Internship (Critical Workplace Skills)	.50		DRFT 2910	Cooperative Work Experience	15-180 hrs
	Additional Articulated Classes Below					
15.1306	Production Drafting (GD&T)	.75	90 hrs	DRFT 2130	Production Drafting (GD&T)	90 hrs
15.1306	Engineering Design	.75	90 hrs	DRFT 2140	Engineering Design	90 hrs
				DRFT 2150	3D Parametric Solid Modeling	120 hrs
				DRFT 2190	Special Problems in Mechanical Design*	15-60 hrs
				DRFT 2210	Advanced Computer Aided Drafting	90 hrs
15.1306	Computer Numerical Control (CNC)	.75	90 hrs	DRFT 2240	Computer Numerical Control (CNC)	90 hrs
				DRFT 2290	Special Problems in CAD Design	15-60 hrs
15.1303	Residential Architectural Drafting	1.0	120 hrs	DRFT 2310	Residential Architectural Drafting	120 hrs
				DRFT 2320	Commercial Drafting & Detailing	120 hrs
				DRFT 2330	Architectural 3D Modeling & Rendering	90 hrs

				DRFT 2340	Architectural CAD	90 hrs
				DRFT 2390	Special Problems in Architectural Design	15-60 hrs
				DRFT 2720	Topographic Drafting	90 hrs
				DRFT 2710	Civil Drafting	90 hrs
				DRFT 2730	Surveying	90 hrs
				DRFT 2790	Special Problems in Civil Design	15-60 hrs
				DRFT 2610	Process Pipe Drafting	90 hrs
				DRFT2690	Special Problems In Process Pipe Design	15-60 hrs
				DRFT 2900	Special Applications- AllTopo	60 hrs
				WKSK 1500	Job Seeking Skills	30 hrs
TOTAL Potential Credits Earned in High School			1230hrs	TOTAL Credits Required for Degree or Certificate		1890hrs

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